

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072125.D
 Acq On : 28 Feb 2022 16:25
 Operator : VA/SY
 Sample : N1655-06
 Misc : 4.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PREM-REAR

Quant Time: Mar 01 08:13:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

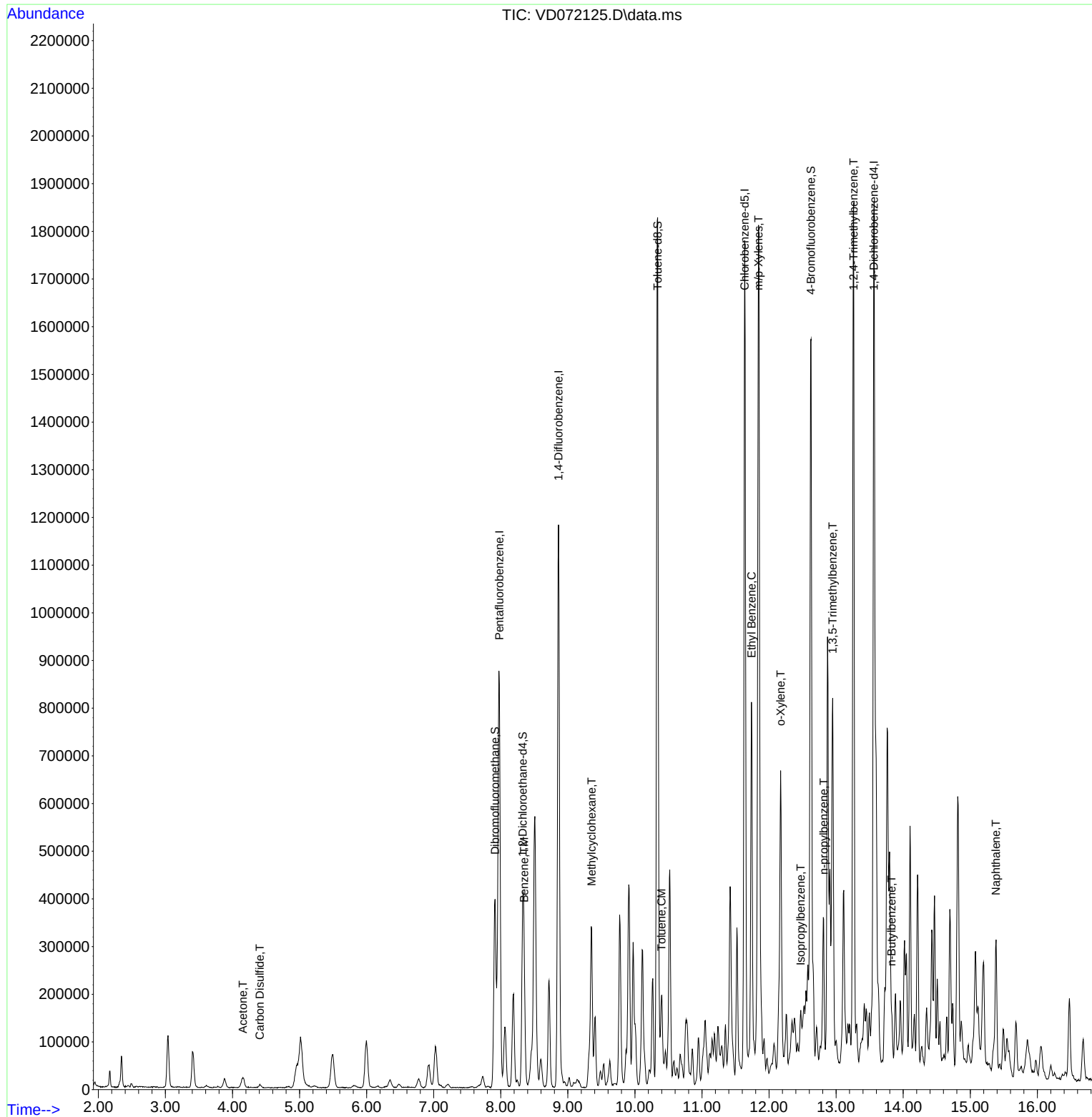
Internal Standards						
1) Pentafluorobenzene	7.979	168	553258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	958687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	937113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	467477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266858	46.500	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.000%		
35) Dibromofluoromethane	7.914	113	282512	48.639	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.280%		
50) Toluene-d8	10.338	98	1192612	55.367	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	110.740%		
62) 4-Bromofluorobenzene	12.626	95	463577	58.590	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	117.180%		
Target Compounds					Qvalue	
16) Acetone	4.156	43	33565	27.062	ug/l	91
17) Carbon Disulfide	4.409	76	12255	1.521	ug/l	97
39) Methylcyclohexane	9.355	83	94323	9.160	ug/l	95
40) Benzene	8.350	78	185629	7.477	ug/l	94
52) Toluene	10.396	92	79571	5.008	ug/l	99
67) Ethyl Benzene	11.738	91	491339	15.385	ug/l	98
68) m/p-Xylenes	11.843	106	472853	38.678	ug/l	98
69) o-Xylene	12.173	106	156777	13.632	ug/l	97
73) Isopropylbenzene	12.473	105	62755	1.955	ug/l	97
78) n-propylbenzene	12.814	91	212139	5.377	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	304028	11.344	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1009388	38.311	ug/l	98
89) n-Butylbenzene	13.826	91	37461	1.365	ug/l #	67
95) Naphthalene	15.384	128	231831	15.603	ug/l	98

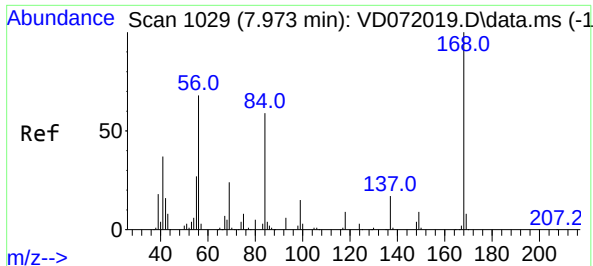
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 01 08:13:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

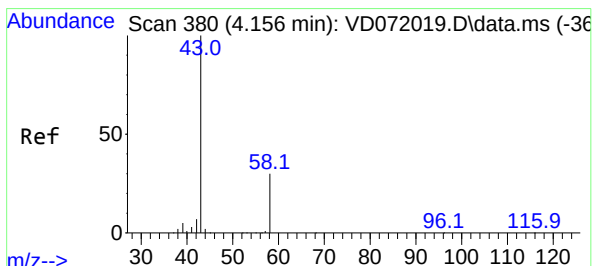
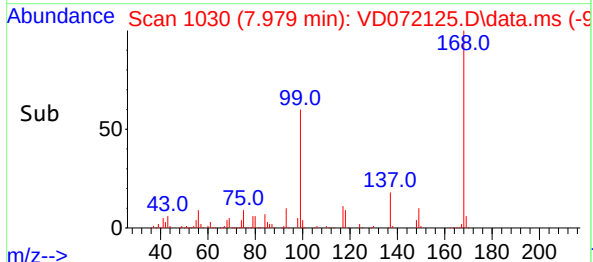
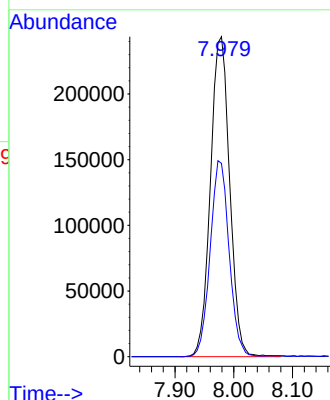
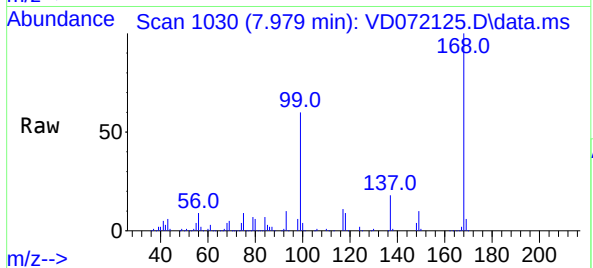




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

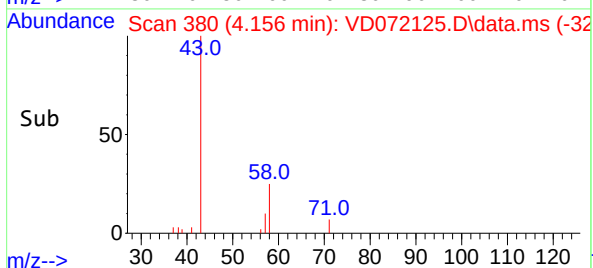
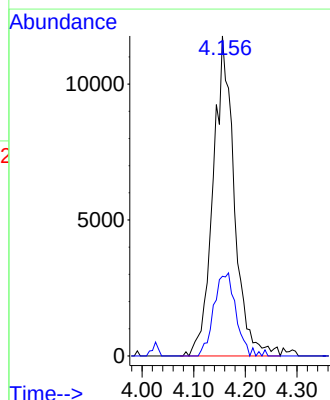
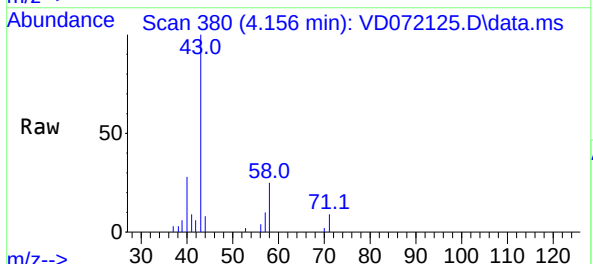
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

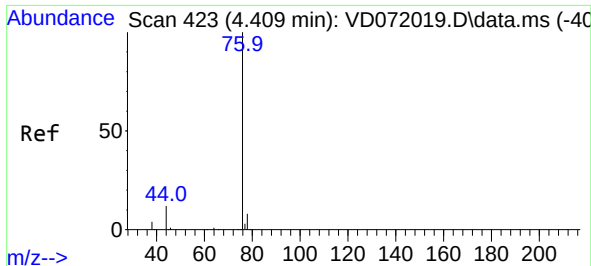
Tgt Ion:168 Resp: 553258
Ion Ratio Lower Upper
168 100
99 60.4 47.1 70.7



#16
Acetone
Concen: 27.062 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion: 43 Resp: 33565
Ion Ratio Lower Upper
43 100
58 24.9 23.8 35.6

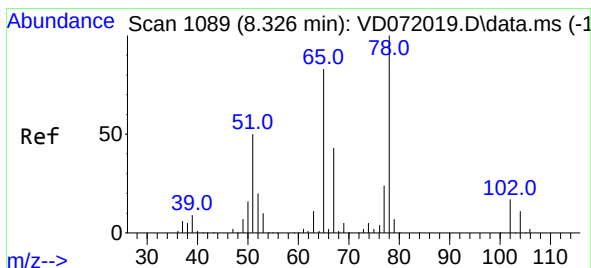
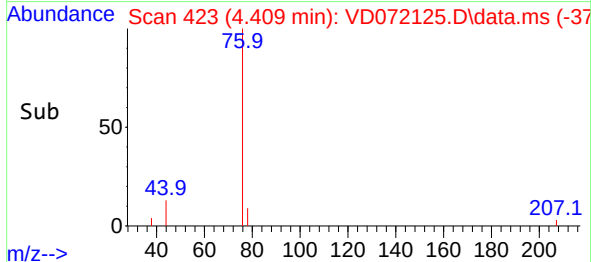
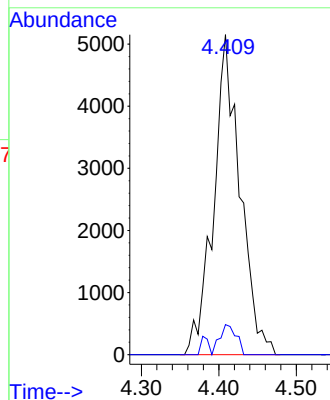
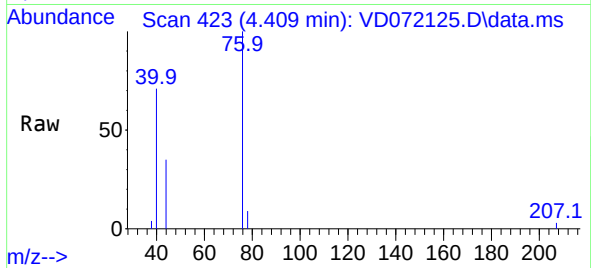




#17
Carbon Disulfide
Concen: 1.521 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

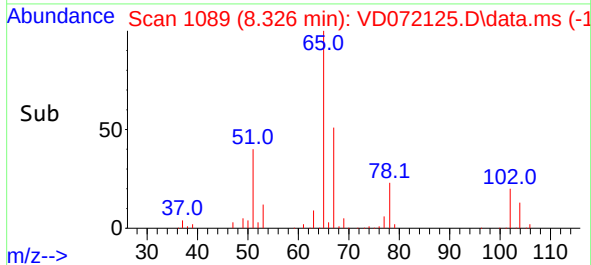
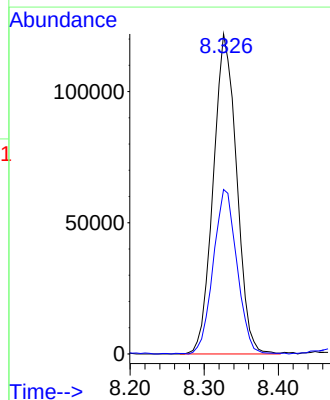
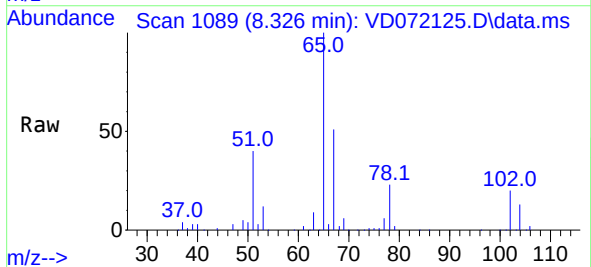
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

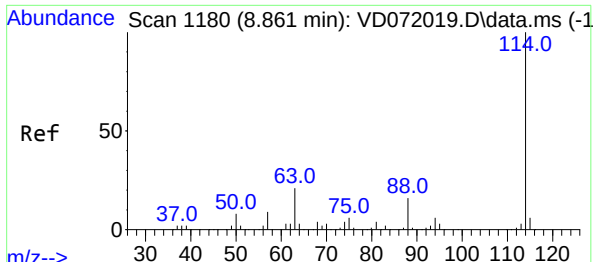
Tgt Ion: 76 Resp: 12255
Ion Ratio Lower Upper
76 100
78 9.4 6.7 10.1



#33
1,2-Dichloroethane-d4
Concen: 46.500 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion: 65 Resp: 266858
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6



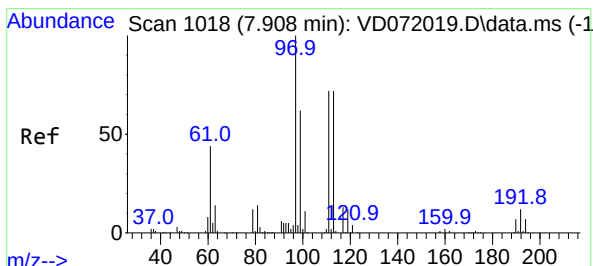
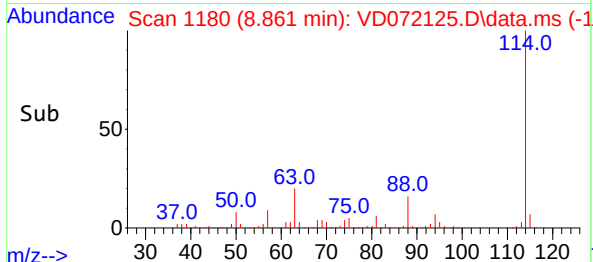
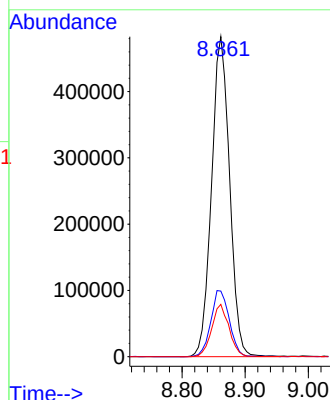
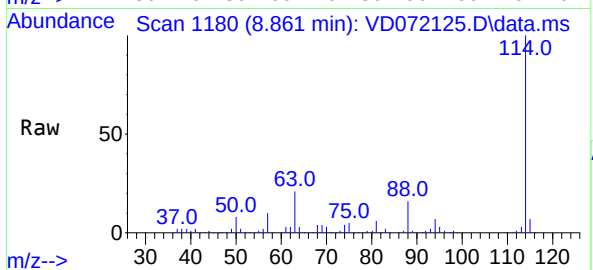


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

Tgt Ion:114 Resp: 958687

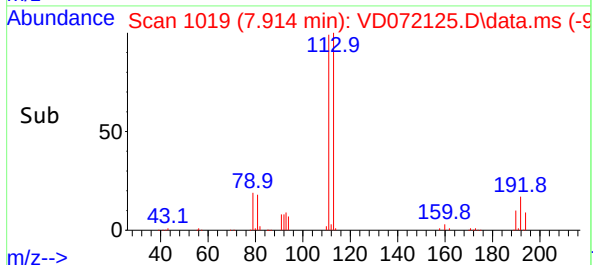
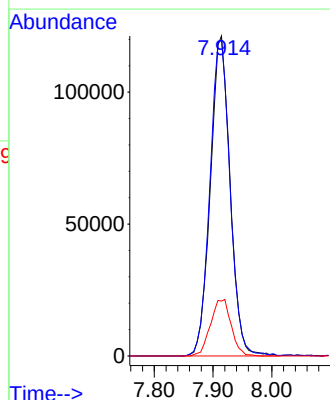
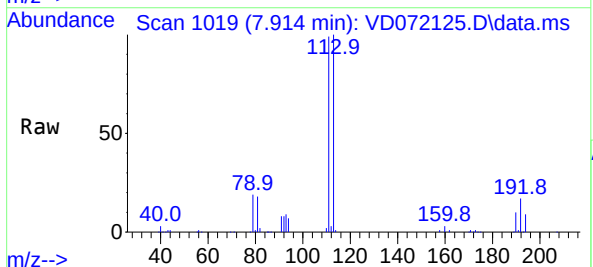
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.2
88	16.4	0.0	31.2

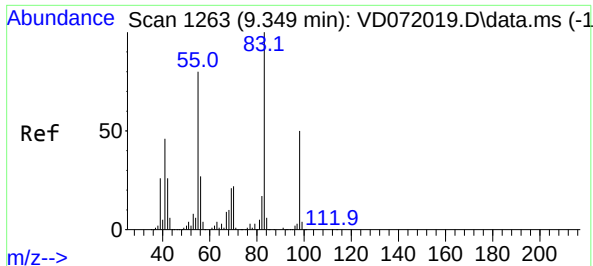


#35
Dibromofluoromethane
Concen: 48.639 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion:113 Resp: 282512

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.0	124.4
192	18.5	15.3	22.9

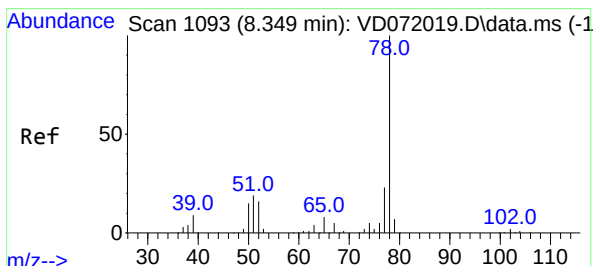
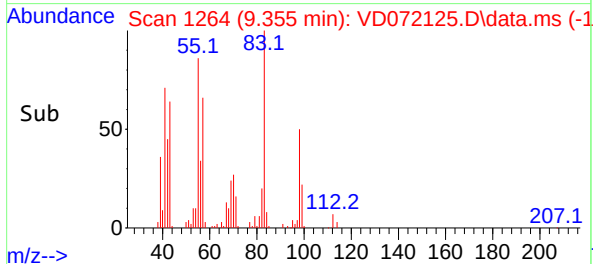
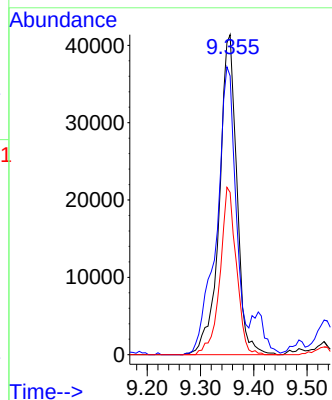
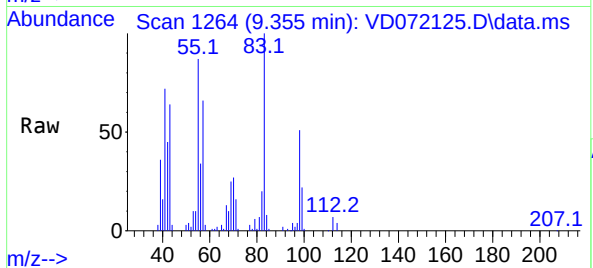




#39
Methylcyclohexane
Concen: 9.160 ug/l
RT: 9.355 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

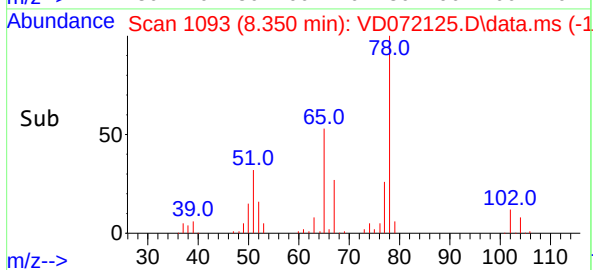
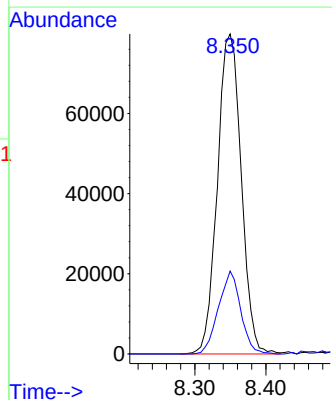
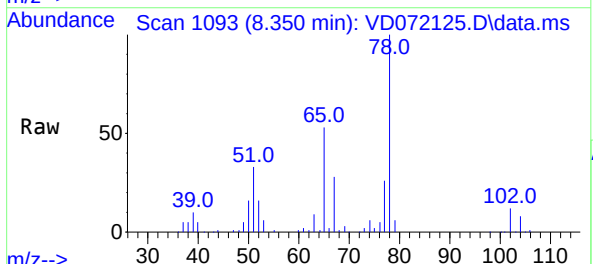
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

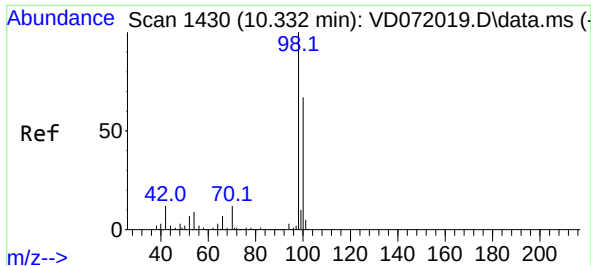
Tgt Ion: 83 Resp: 94323
Ion Ratio Lower Upper
83 100
55 87.1 64.0 96.0
98 50.7 39.8 59.8



#40
Benzene
Concen: 7.477 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion: 78 Resp: 185629
Ion Ratio Lower Upper
78 100
77 25.9 18.2 27.4

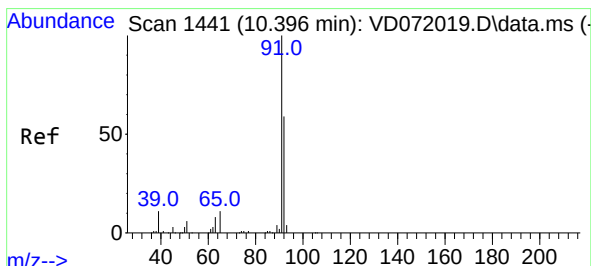
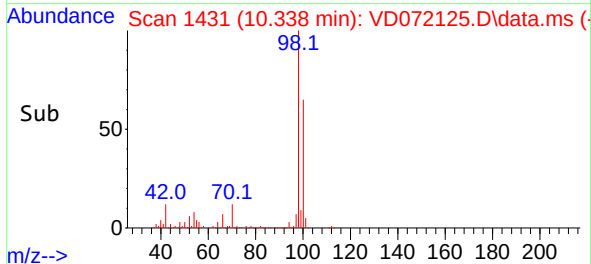
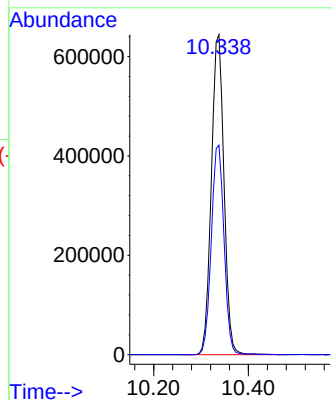
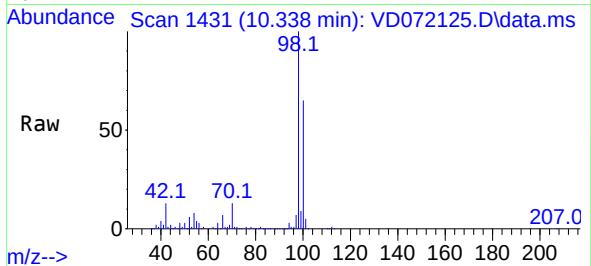




#50
Toluene-d8
Concen: 55.367 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

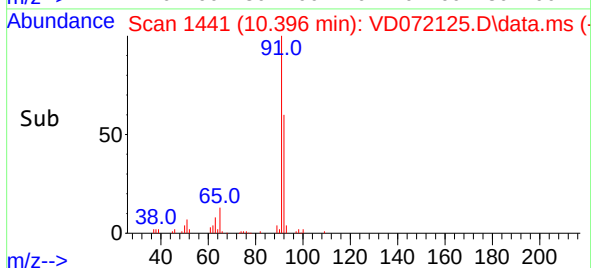
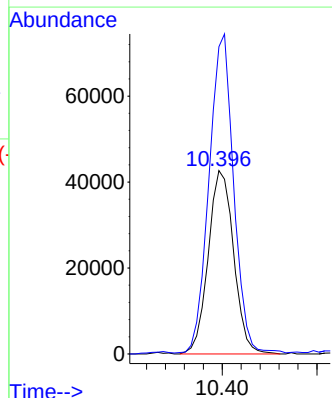
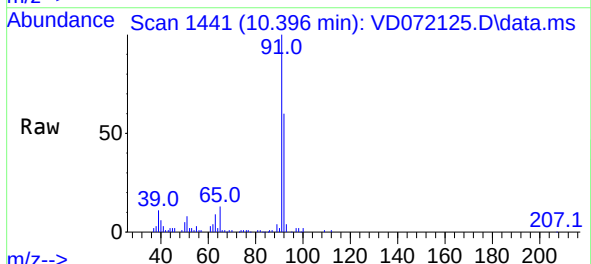
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

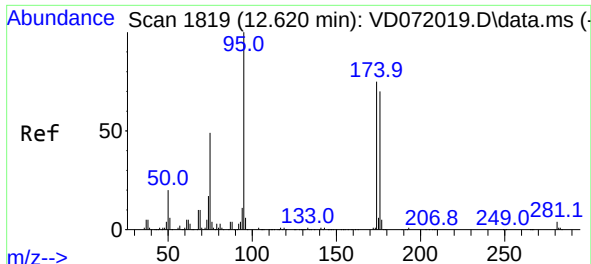
Tgt Ion: 98 Resp: 1192612
Ion Ratio Lower Upper
98 100
100 65.7 53.8 80.6



#52
Toluene
Concen: 5.008 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion: 92 Resp: 79571
Ion Ratio Lower Upper
92 100
91 168.2 135.6 203.4

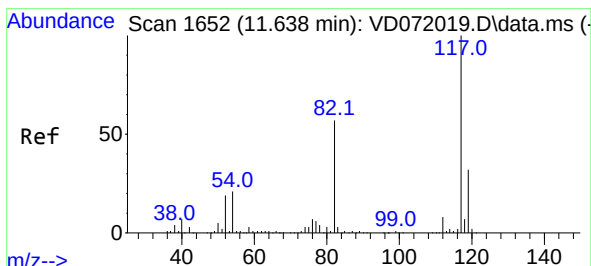
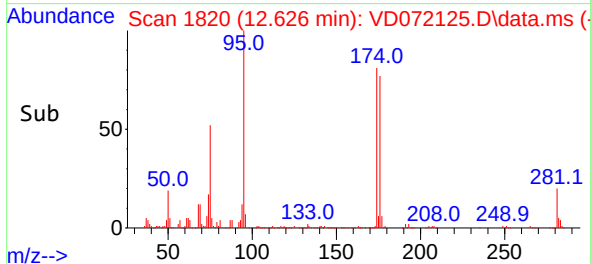
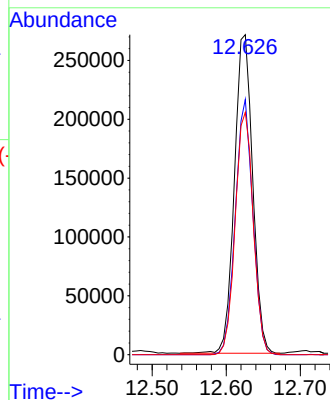
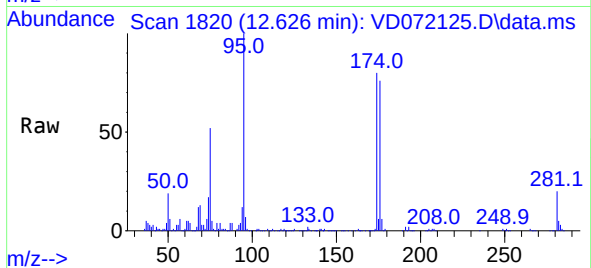




#62
4-Bromofluorobenzene
Concen: 58.590 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

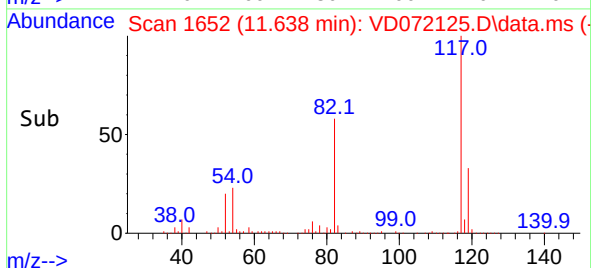
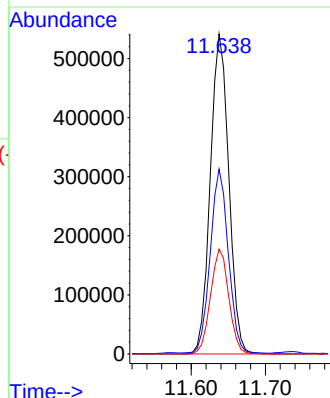
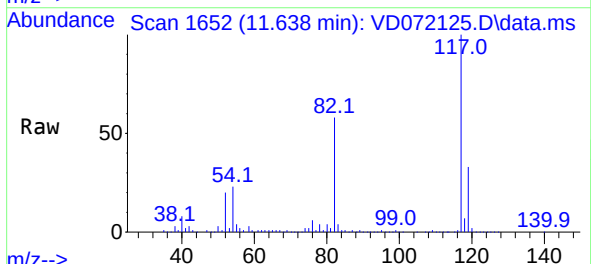
Instrument :
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ClientSampleId :
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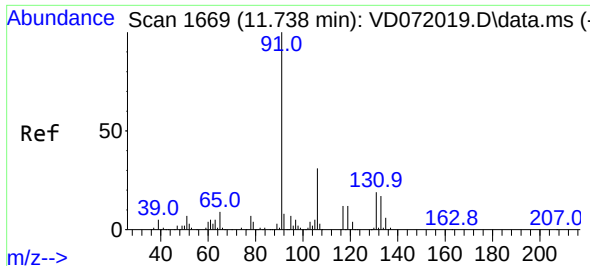
Tgt Ion: 95 Resp: 463577
Ion Ratio Lower Upper
95 100
174 76.8 0.0 155.0
176 74.9 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion: 117 Resp: 937113
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.0
119 32.8 25.4 38.2

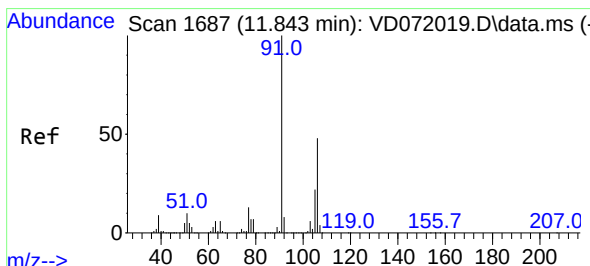
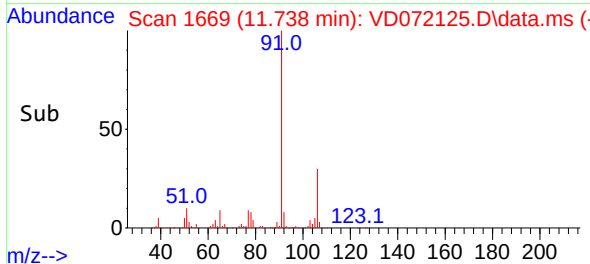
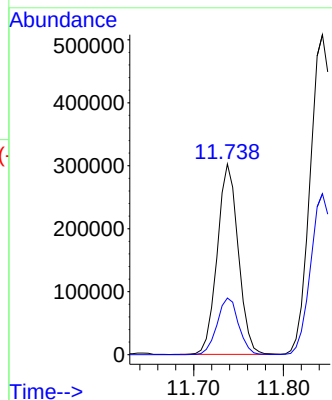
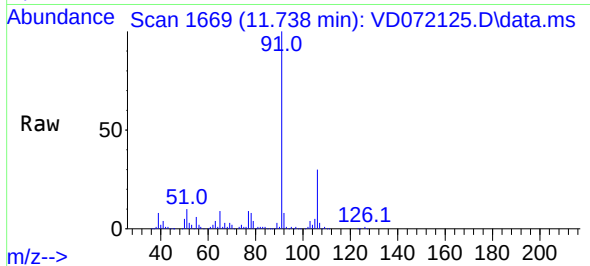




#67
Ethyl Benzene
Concen: 15.385 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

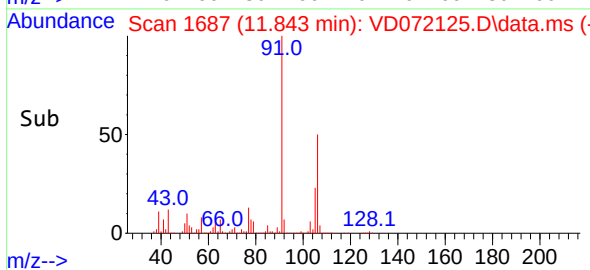
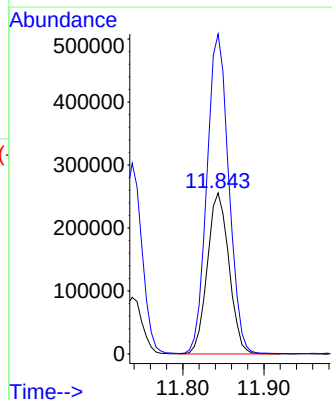
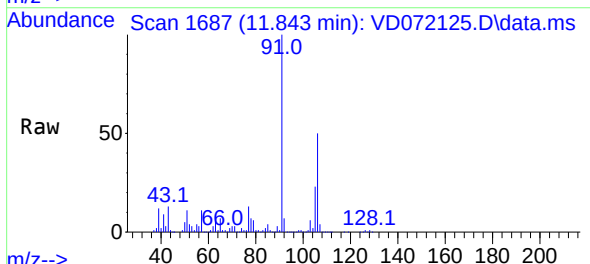
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

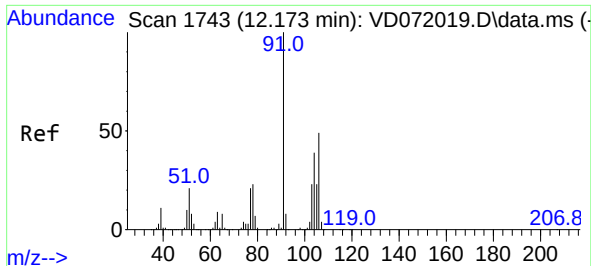
Tgt Ion: 91 Resp: 491339
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8



#68
m/p-Xylenes
Concen: 38.678 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion: 106 Resp: 472853
Ion Ratio Lower Upper
106 100
91 200.5 162.6 243.8

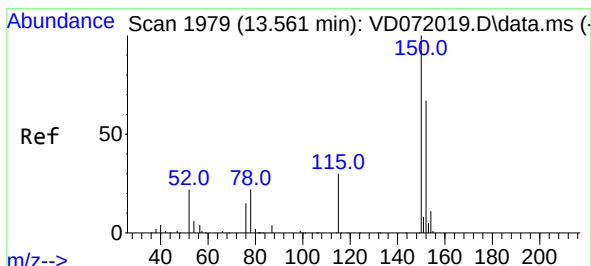
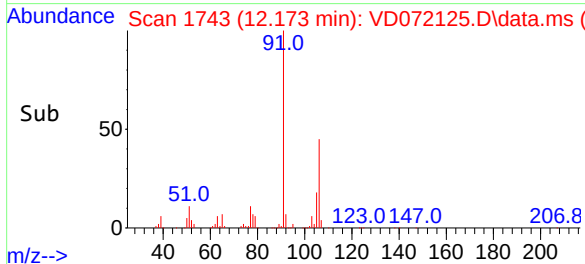
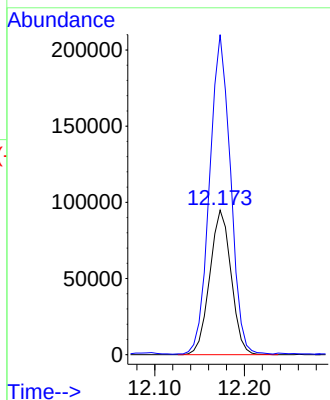
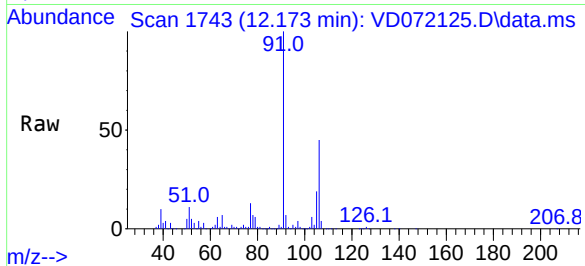




#69
o-Xylene
Concen: 13.632 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

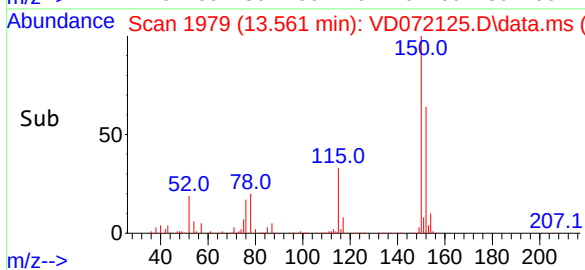
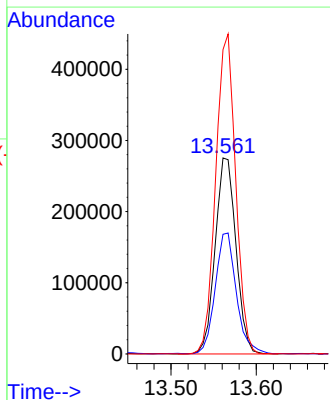
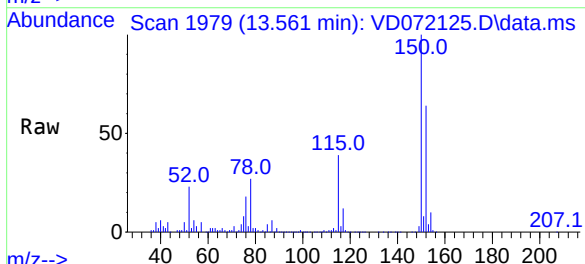
Instrument :
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ClientSampleId :
PREM-REAR

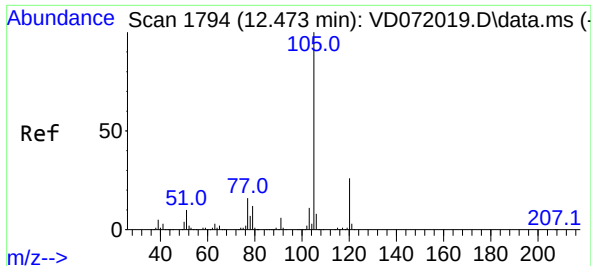
Tgt Ion:106 Resp: 156777
Ion Ratio Lower Upper
106 100
91 216.5 106.0 317.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion:152 Resp: 467477
Ion Ratio Lower Upper
152 100
115 62.8 29.9 89.7
150 156.6 0.0 347.6

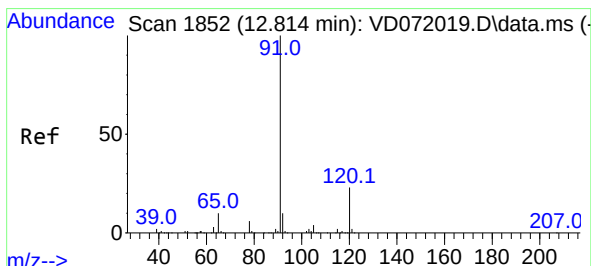
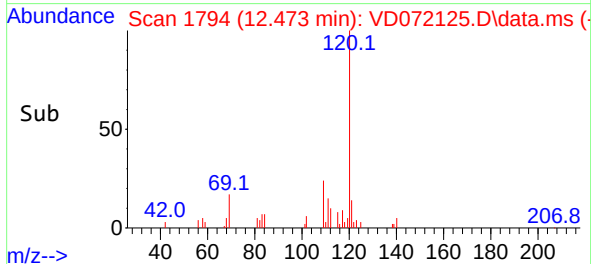
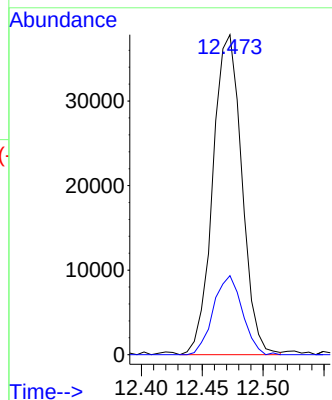
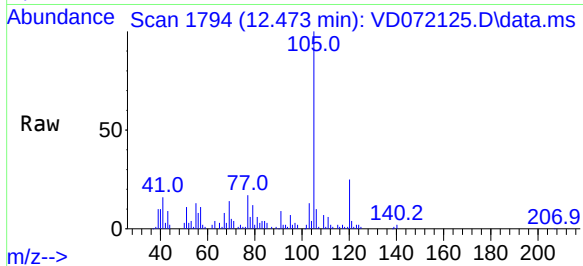




#73
Isopropylbenzene
Concen: 1.955 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

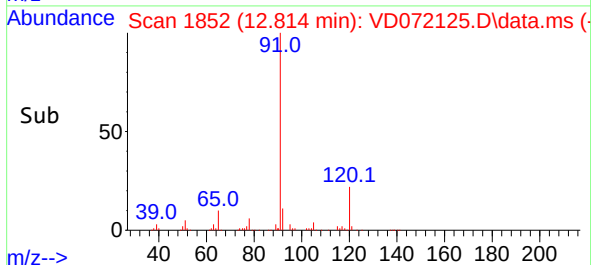
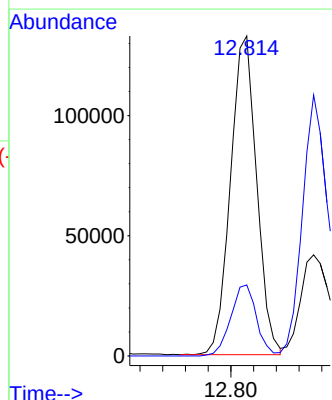
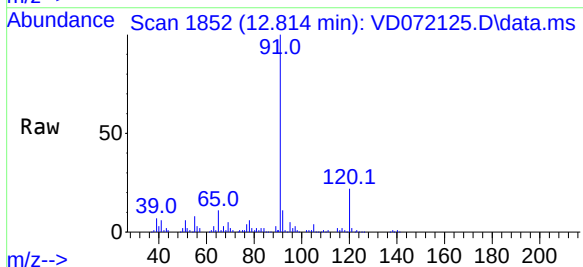
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

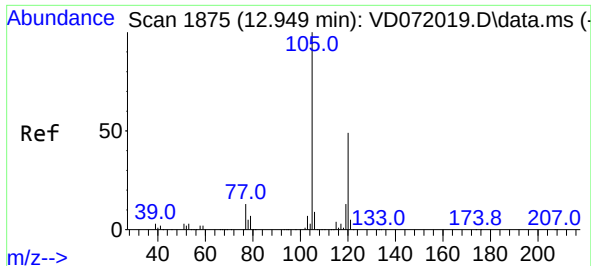
Tgt Ion:105 Resp: 62755
Ion Ratio Lower Upper
105 100
120 24.6 13.1 39.1



#78
n-propylbenzene
Concen: 5.377 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion: 91 Resp: 212139
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.5

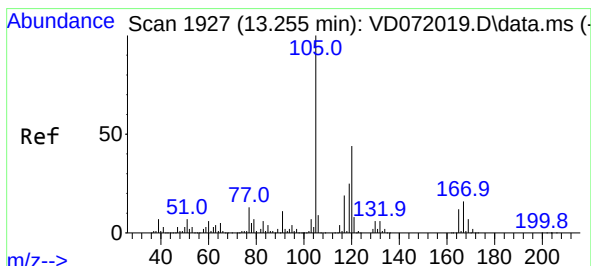
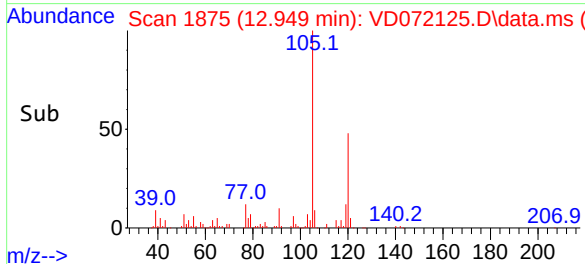
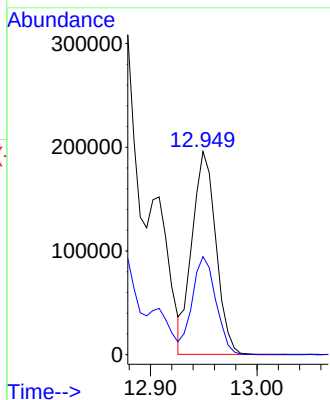
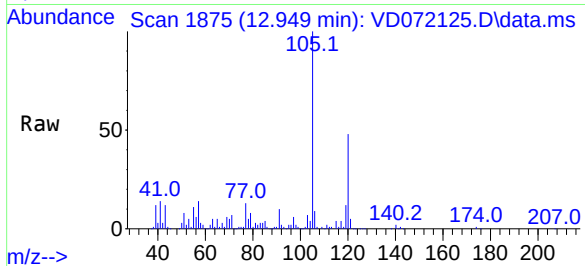




#80
1,3,5-Trimethylbenzene
Concen: 11.344 ug/l
RT: 12.949 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

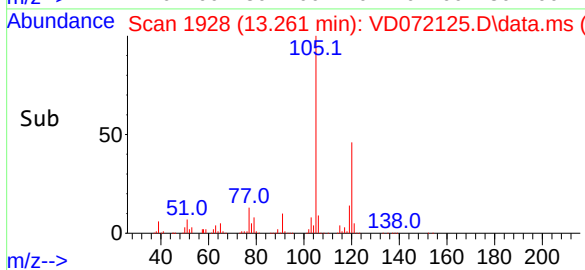
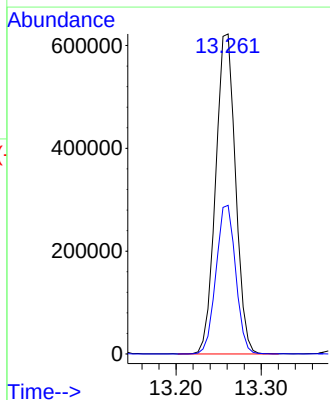
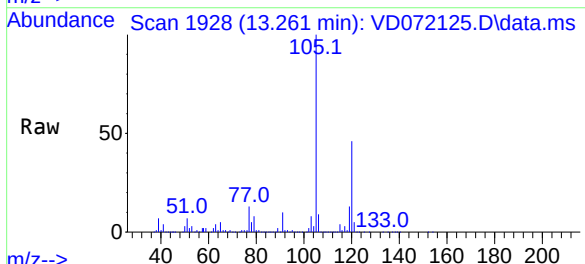
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

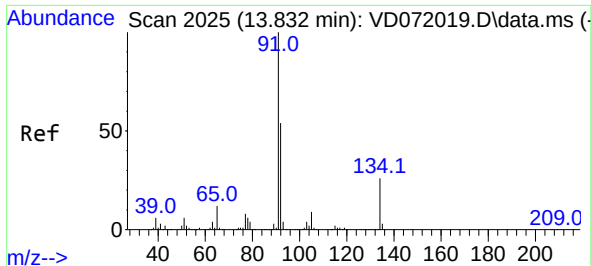
Tgt Ion:105 Resp: 304028
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 38.311 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion:105 Resp: 1009388
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.3

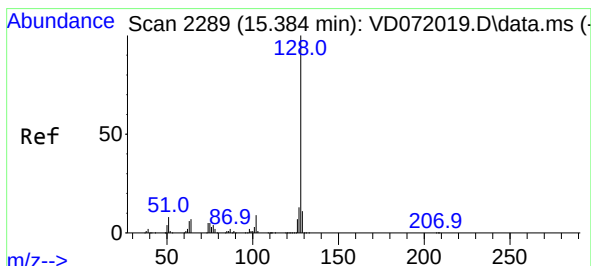
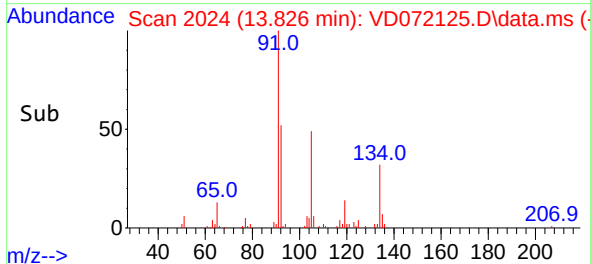
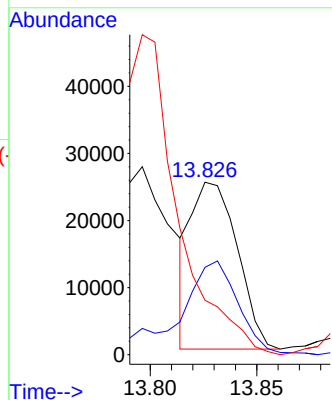
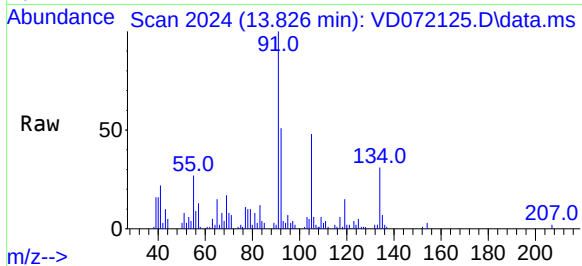




#89
n-Butylbenzene
Concen: 1.365 ug/l
RT: 13.826 min Scan# 2025
Delta R.T. -0.006 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

Tgt Ion: 91 Resp: 37461
Ion Ratio Lower Upper
91 100
92 71.4 27.0 81.0
134 0.0 12.8 38.4#



#95
Naphthalene
Concen: 15.603 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072125.D
Acq: 28 Feb 2022 16:25

Tgt Ion:128 Resp: 231831
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.3 8.7 13.1

